

**Daily Schedule for MICMoR Summer School**  
10-18 July, 2012



**WEEK 1:**

**Monday evening, 09 July**

MICMoR Opening Celebration starting at 16.00

**Tuesday, 10 July**

09.00-12.00:

Fundamentals of atmospheric science and hydrometeorology and regional climate concepts

13.30-17.00:

Hydrometeorology of complex terrain: Warm and cold season precipitation processes

Daily assignment: Paper/book chapter reading

**Wednesday, 11 July**

09.00-12.00:

Discuss daily assignment

Theoretical treatment of land surface exchange processes

13.30-17.00:

Conceptualizations of land surface models

Conceptualizations of hydrological models

Daily assignment: Evapotranspiration Calculations

**Thursday, 12 July**

09.00-12.00:

Discuss daily assignment

Overview and assessment of various measurement approaches

13.30-17.00:

Development and design of integrated research projects

Daily assignment: Paper/book chapter reading with short problem set

**Friday, 13 July**

09.00-12.00:

Discuss daily assignment

General discussion on coupled modeling systems for regional and global applications

13.30-17.00:

Technical description and tutorial of the 'Noah land surface model'

Daily assignment: Noah land surface model problem

**Saturday, 14 July**

08.00-17.00:

Field trip

Weekend assignments: Problem set from field trip and reading on modeling for the coming week

**WEEK 2:****Monday, 16 July**

09.00-12.00:

Discuss weekend assignment

Technical description of the Weather Research and Forecasting (WRF) modeling system

13.30-16.30:

Cont. discussion and tutorial of WRF modeling system

Daily assignment: WRF modeling problem

**Tuesday, 17 July**

09.00-12.00:

Discuss daily assignment

Technical description of the WRF-Hydro modeling system

13.30-16.30:

Cont. discussion and tutorial of the WRF-Hydro modeling system

Daily assignment: WRF-Hydro modeling problem

**Wednesday, 18 July**

09.00-12.00:

Discuss daily assignment

Course review

13.30-16.00:

Wrap-up with open question and answer discussion

Starting at 17.00: IMK-IFU Sommerfest